

January 21, 2015

TO: Members of the MAG Transportation Safety Committee

FROM: Renate Ehm, City of Mesa, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, January 27, 2015 - 9:30 a.m.
MAG Office Building, 2nd Floor, Ironwood Room
302 North First Avenue, Phoenix

A meeting of the MAG Transportation Safety Committee will be held at the time and place noted above. Committee members or their proxies may attend **in person, via videoconference or by telephone conference call**. Those attending video conference must notify the MAG site three business days prior to the meeting. Those attending by telephone conference call please contact MAG offices for conference call instructions.

Please park in the garage under the MAG building, bring your ticket, parking will be validated. For those using transit, Valley Metro/RPTA will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

In 1996, the Regional Council approved a simple majority quorum for all MAG advisory committees. If the Transportation Safety Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed a legal meeting cannot occur and subsequently be dismissed. Your attendance at the meeting is strongly encouraged.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Jason Stephens at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

If you have any questions regarding the meeting, please contact Sarath Joshua at (602) 254-6300.

TENTATIVE AGENDA

COMMITTEE ACTION REQUESTED

1. Call To Order

For the January 27, 2015 meeting, the quorum requirement is 8 committee members.

2. Approval of December 9, 2014 Meeting Minutes

3. Call to Audience

An opportunity will be provided to members of the public to address the Transportation Safety Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless members request an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

4. Program Managers Report

The following items will be addressed:

- Status of RSA and PA projects
- STSP Update - TSSG Meeting to be held immediately after this meeting
- Corridor Safety Plan - Pilot Project Update
- FY2015 HSIP Funding Availability

5. Transportation Alternative (TA) Non-infrastructure Safe Routes To School

Oversight for programming Transportation Alternatives Non-infrastructure/Safe Routes to School or TA/SRTS projects has been assigned to the Transportation Safety committee. The annual program amount for the next programming cycle for FY2016 is \$400,000. The FY2017 funding available is higher at

2. Review and approve minutes of the meeting held on December 9, 2014.

3. For information.

4. For information and discussion.

5. For information and discussion.

\$463,707 due to cost savings realized on a FY2015 project. The oversight for TA Infrastructure projects will continue to be provided by the MAG Bike and Pedestrian Committee. The next call for TA Infrastructure projects will be issued in August 2015.

The next call for TA/SRTS projects is now planned for February 2015. Based on previous committee and working group discussions, the following guidelines have been identified for the project application process:

- All TA/SRTS application must be submitted to MAG by a member agency, identified as the lead project applicant. This agency will coordinate with all schools participating in the TA/SRTS project application.
- Priority 1: Applications for conducting SRTS studies (that address the scope as described in the MAG SRTS study template) for K-8 schools. The maximum amount allowed for conducting a TA/SRTS study at a school would be \$20,000. Each application could include a maximum of 4 studies. A total of \$300,000 per year is available for SRTS studies in fiscal year 2016 and 2017.
- Priority 2: Applications for conducting SRTS-related support activities. The maximum amount for these applications would be \$50,000 per single application towards programming \$100,000 total per fiscal year 2016 and 2017 for SRTS support activities.
- The execution of SRTS studies will be done through the MAG ITS and Safety On-call consulting services contracts via an annual UPWP amendment of \$300,000

The above guidelines for TA/SRTS have been refined based on a working group discussion held on January 8th. Applications, eligibility,

evaluation criteria, and schedule will be provided as handouts and presented to the committee.

6. Road Safety Assessment Call for Projects

At the December 9, 2014 meeting the committee recommended approval of changes to the Network Screening Methodology to include the three factors for CF, CS, and CT with a weighting scheme of 25%, 50%, 25%, respectively. This methodology has historically been used to generate a list of the MAG region high crash risk locations and a demonstration of the new list is provided as Attachment One. In addition, a strategy proposed as part of the STSP Implementation Plan 2016-2025 includes the priority for RSAs and PAs conducted at the 1) top high risk locations and 2) locations where there are perceived high risk to pedestrians and bicyclist accessing light rail stations. MAG is requesting that the committee discuss incorporating these changes for the RSA and PA call for projects that is planned to be issued in February 2015.

7. Reports by Committee Members on Transportation Safety Activities

Members will be requested to report agency activities or current issues that are related to transportation safety.

8. Request for Future Agenda Items

Members will be provided the opportunity to suggest future agenda topics.

9. Next Meetings

The next regular scheduled Transportation Safety Committee meeting is scheduled to be held on Tuesday, March 24, 2015 at 9:30 a.m in the MAG Ironwood Room.

Adjournment

6. For information and discussion.

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

DRAFT MINUTES OF
MARICOPA ASSOCIATION OF GOVERNMENTS
TRANSPORTATION SAFETY COMMITTEE MEETING

December 9, 2014
Maricopa Association of Governments
Ironwood Room, Suite 200
302 N. 1st Ave,
Phoenix, AZ 85003

MEMBERS ATTENDING

Cristy Robinson, AAA Arizona
*Tom Burch, AARP
*Kohinoor Kar, ADOT
*Shane Kiesow, City of Apache Junction
#Robert Gray, ASU
Dana Chamberlin, City of Avondale
*Chris Lemka, City of Buckeye
*Martin Johnson, City of Chandler
#Bob Senita, City of El Mirage
Kelly LaRosa, FHWA
Erik Guderian, Town of Gilbert
Kiran Guntupalli, City of Glendale
*Alberto Gutier, GOHS
#Hugh Bigalk, City of Goodyear

David Gue, Litchfield Park
Nicolaas Swart, Maricopa County
Renate Ehm (Chair), City of Mesa
*Jeremy Knapp, Town of Paradise Valley
#Mannar Tamirisa for Jamal Rahimi,
City of Peoria
Rick Russ for Kerry Wilcoxon,
City of Phoenix
George Williams, City of Scottsdale
Suneel Garg for Dana Owsiany,
City of Surprise
#Julian Dresang, City of Tempe
Adrian Ruiz, RPTA

OTHERS PRESENT

Sarath Joshua, MAG
Margaret Boone, MAG
Eric Nava, MAG
Jothan Samuelson, Wilson
Maria Deeb, City of Mesa
Ashley Barinka, City of Mesa
Chelsea Ericson, MCDPH
Susan Herbel, CS
Anita S Johari, ASJ
Sandra Thoms, Jacobs
Ray Yparriguirre, Kimley-Horn

Brian Fellows, AMEC
Yung Koprowski, Lee Engineering
Mike Manthey, Parsons
Susan Chambers, Dibble
Shanthi Krishnan, Jacobs
Natalie Carrick, Michael Baker
Skye Gentile, Parsons
Jim Lee, Lee Engineering
Doug McCants, Harrocks
Ma'rta Gerber, Michael Baker

- * Not present or represented by proxy
- # Participated by teleconference
- + Participated by videoconference

1. Call to Order

Chair Renate Ehm called the meeting to order at 9:30 a.m.

2. Approval of September 23, 2014 Meeting Minutes

Chair Renate Ehm called for a motion to approve the September 23, 2014 meeting minutes. David Gue made a motion to approve, Dana Chamberlin seconded and the motion passed unanimously.

3. Call to Audience

Chair Renate Ehm made a call to the audience providing an opportunity to members of the public to address the Transportation Safety Committee. None requested.

4. Program Manager's Report

- Sarath Joshua noted an error on the agenda. The quorum requirement of 12 should be revised to indicate 9 as the quorum requirement for the December 9th meeting.
- Status of RSA and PA projects: Sarath Joshua provided an update on the RSA and PAs scheduled for FY2014. Five RSAs have been completed and the remaining five RSAs have field reviews completed with final RSA reports due within the month to be delivered to the local agency requesting the RSA. Sarath noted that three PA projects are underway and all are due to be completed by the end of January 2015. Sarath noted the contributions of the local agency volunteers who serve on RSA teams and noted that a new strategy to have on-call consultants include a retired police officer or engineering professional as part of their team to conduct the field reviews which could reduce the need for MAG staff time and that of the local agency volunteers.
- Strategic Transportation Safety Plan update: Sarath Joshua reviewed the tasks completed in the development of the plan to date. Mr. Joshua noted that a meeting will be held immediately after the Transportation Safety Committee to discuss items to be included in Task 8, monitoring and reporting of safety performance, Task 9, to develop the Implementation Plan, as well as input required from the group in order to finalize Task 6 and 7. The final report will be in draft form in January 2015 and it is anticipated approval of the STSP by Regional Council in April 2015.
- 2016 MAG Work Program: Sarath Joshua outlined the projects on the current 2015 work program; the Regional Crossing Guard Training Workshops, Road Safety Assessments and Project Assessments, Strategic Transportation Safety Plan, Corridor Safety Plan Pilot Project and modifications to the Regional Traffic Safety Information Management System (RTSIMS) application to provide online access. New projects to be proposed for the 2016 work program will include continuation of the Crossing Guard Training workshops, Road Safety Assessments, refinements to RTSIMS, a new project to look at a Systemic Strategy to Mitigate Intersection Left-Turn Crashes, the Avondale Strategic Transportation Safety Plan, and performing Safe Routes to School Studies administered by MAG.
- 2015 Transportation Safety Committee Meeting Schedule: Sarath Joshua reviewed the meeting schedule which included special meetings in April and November for the Corridor Safety Plan Pilot Project and the HSIP 2018 project evaluations, respectively.

5. Network Screening Methodology for Intersections

Renate Ehm noted the agenda item was a continuation from the September 23rd meeting. Margaret Boone introduced this item and stated that at the previous meeting, based on committee review of the STSP Technical Memorandum #4 (TM4) and discussion, the committee came to a consensus of including only the Crash Frequency (CF), Crash Severity (CS), and Crash Type (CT) factors in the Intersection Safety Score calculation used as the basis of the network screening methodology. Also at the previous meeting, a discussion regarding the weighting of the three factors based on recommendations of TM4. Based on the committees' request, MAG staff polled committee members via e-mail for input on the three factor weights. The responses received were unanimously in favor of revising the current 20%-CF, 60%-CS, 20%-CT weights to 25%, 50%, and 25%, respectively. Ms. Boone then referred the committee to the two attachments to the agenda prepared to demonstrate the new weighting scheme comparing a new list of Top 100 high crash risk intersections using the current 20%, 60%, 20% and the proposed 25%, 50%, 25% weights. The action was requested of the committee to **approve the modification to the MAG Network Screening Methodology (for intersections) by removing Crash Rates from the Intersection Safety Score formula, and revising the weights as follows: CF – 25%, CS – 50%, CT – 25%.** Suneel Garg made a motion to recommend the revisions to the network screening methodology as written, Cristy Roberts seconded and the motion passed unanimously.

6. 2015 Corridor Safety Plan Pilot Project – Consultant Selection

Sarath Joshua asked Margaret Boone to present this item noting that it was briefly mentioned during the Program Managers' report as a 2015 MAG Work Program project currently budgeted. Ms. Boone gave a brief review of the pilot project which was budgeted at \$200k which will be carried out using the current MAG Safety on-call consultant list. The pilot project will be similar to an RSA and address all modes of transportation for all ages and abilities, address the four E's and the recommendations that result from the plan could compete for HSIP infrastructure or TA non-infrastructure funding. A previous recommendation of the committee identified the pilot project to be conducted on Indian School Road from 51st to 75th Avenue in the City of Phoenix. A working group was formed to refine the project scope, based on committee input and then a mini-RFP was issued inviting on-call consultants to submit proposals. The working group, whose members also served as the proposal evaluation team, met to discuss the evaluations and unanimously recommended approval of the consultant team lead by Michael Baker, Jr., Inc. Ms. Boone outlined the next steps to obtain approvals from the MAG Management Committee and Regional Council in January 2015 with task order development to begin in February 2015. The action was requested of the committee to **recommend the approval of Michael Baker, Jr., Inc. for conducting the Corridor Safety Pilot Plan Project.** Eric Guderian made a motion to approve the consultant selection as noted, Dana Chamberlin seconded and the motion passed unanimously.

7. Transportation Alternatives (TA) – Non-Infrastructure Safe Routes to School

Sarath Joshua asked Margaret Boone to present this item for information and discussion noting that the TA program combined three funding areas into one with the enactment of MAP-21. The MAG region is allocated about \$4M for Transportation Alternatives, of which \$400k is set aside for non-infrastructure SRTS projects. Programming of the TA SRTS funds is overseen by the MAG Transportation Safety Committee. Ms. Boone continued to present the item reviewing recent programming of TA non-infrastructure for

fiscal year 2015 and an amount of \$63,707 remaining from 2015 to be made available in FY 2017. A call for projects will be issued in February 2015 for funding FY2016 and 2017 projects. Ms. Boone outlined the committees' previous discussions regarding project criteria requiring a MAG member agency as applicant/lead agency and should partner with participating schools. Programming should carry forward the established emphasis on conducting safe routes to school studies. It is proposed that the cost for conducting SRTS studies be \$10,000 per school and that SRTS studies be a first priority project. Other support activities as outlined in TA non-infrastructure guidance for SRTS would be a priority two project. Ms. Boone referred to an attachment provided of eligible project types. MAG staff presented a proposal for discussion of a \$100,000 maximum for priority one applications for the studies and \$5000 maximum for support activities as a separate application maximum. In addition, a proposal was provided for funding amounts to be set for priority one and priority two projects at \$300k and \$100k, respectively. Ms. Boone then presented some proposed changes to how the projects could be administered. MAG would administer the studies through the MAG Safety On-call consultant list for agencies without ADOT Certification Acceptance (non-CA agencies). This would have the benefit of no administrative fee requirement resulting in the ability to provide more funds to be put towards addressing safety issues of children walking and biking to school. Priority two projects, such as bulk item ordering for stop paddles and crossing guard vests, would be procurement projects to be administered by ADOT. Ms. Boone noted that all of the information provided will be discussed by the working group previously formed which will meet on January 8th, 2015 and that recommendations from the working group will be brought back to the committee for discussion and possible approval at the January 27th meeting ahead of the February call for projects. Kiran Guntupalli asked if the studies scope of work could be reduced to only include data collection and revisions to the walk to school maps. Sarath Joshua stated that the scope could be refined for such a project and would be easy to scale down as needed by the local agency and that the cost should also be adjusted for the work to be done. Kiran Guntupalli suggested that the \$10,000 cost per school and a 10 school maximum be removed from the criteria in order to give local agencies more flexibility. Margaret Boone clarified that the cost for the detailed scope provided has been identified to be \$10,000 but that if an agency wanted to include more schools with a reduced scope that the cost could be flexible to fit the needs of the additional schools under the \$100,000 application maximum. Maria Deeb noted that there will still need to include a reduced environmental clearance. Sarath Joshua agreed and noted that these are details that still need to be addressed with ADOT. Suneel Garg asked how projects funded for 2015 will be administered. Ms. Boone noted that the discussion with ADOT has just recently been initiated and that MAG has brought to the attention of ADOT that it would need to be decided how the 2015 projects would be administered. Maria Deeb asked if the support activity projects were submitted in the amount of \$5000 would there still be an ADOT administrative fee of \$2000. Ms. Boone stated that this is one of the items to be discussed with ADOT; the opportunity to reduce the fees in an appropriate balance with the amount of funding requested. Sarath Joshua noted that there is also a possibility of exploring a CA agency taking the lead on the procurement type of projects for the region.

8. Reports by Committee Members on Transportation Safety Activities

Chair Renate Ehm requested safety activity updates by members of the committee. Renate Ehm noted that Mesa is in the process of installing two rectangular rapid flashing beacons and also kicking off a SRTS study being funded with local dollars. Eric Guderian reported that Gilbert is getting ready to start design of left turn sight distance improvement projects and is also working on installing the rectangular rapid flashing beacons at an upgraded crossing at Recker Road and the Loop 202. Cristy Robertson reported that AAA is starting their crossing guard of the year program in February of 2015 and will be taking applications. Kelly LaRosa announced two trainings to be held in 2015; ADA design in the Public Right-of-Way and training on the new Roadway Lightning Handbook.

9. Request for Future Agenda Items

Chair Renate Ehm suggested that in the interest of time that this item would be tabled until the next meeting unless there are any objections. None were heard.

10. Next Meeting

Chair Renate Ehm stated that the next meeting is scheduled for Tuesday, January 27th, 2015 at 9:30 a.m. in the Ironwood Room.

11. Adjournment

Chair Renate Ehm adjourned the meeting at 10:33 a.m.

Top 100 High Crash Risk Intersections - 2011 through 2013

Attachment One

Rank	Agency	Location	Crashes	CF Score	CS Score	CT Score	Final Score
1	Phoenix	THOMAS RD & 43RD AVE	116	0.70	0.75	0.73	0.74
2	Phoenix	NORTHERN AVE & 7TH ST	80	0.48	1.00	0.36	0.71
3	Glendale	NORTHERN AVE & 59TH AVE	124	0.75	0.70	0.63	0.70
4	Glendale	OLIVE AVE & 59TH AVE	166	1.00	0.38	1.00	0.69
5	Phoenix	INDIAN SCHOOL RD & 51ST AVE	114	0.69	0.70	0.66	0.68
6	Avondale	MCDOWELL RD & DYSART RD	99	0.60	0.84	0.43	0.68
7	Phoenix	THOMAS RD & 75TH AVE	96	0.58	0.78	0.51	0.66
8	Phoenix	GREENWAY RD & 40TH ST	50	0.30	0.96	0.31	0.63
9	Phoenix	INDIAN SCHOOL RD & 19TH AVE	87	0.52	0.73	0.53	0.63
10	Phoenix	PARADISE VILLAGE PKWY & CACTUS RD	43	0.26	0.92	0.34	0.61
11	Phoenix	MCDOWELL RD & 44TH ST	107	0.64	0.61	0.58	0.61
12	Surprise	EL MIRAGE RD & BELL RD	54	0.33	0.92	0.27	0.61
13	Phoenix	BELL RD & 19TH AVE	98	0.59	0.62	0.59	0.60
14	Mesa	ELLSWORTH RD & BASELINE RD	46	0.28	0.92	0.29	0.60
15	Phoenix	INDIAN SCHOOL RD & 27TH AVE	87	0.52	0.68	0.49	0.59
16	Phoenix	GREENWAY PKWY & 16TH ST	33	0.20	0.97	0.23	0.59
17	Glendale	BELL RD & 83RD AVE	135	0.81	0.57	0.40	0.59
18	Glendale	PEORIA AVE & 51ST AVE	89	0.54	0.67	0.48	0.59
19	Phoenix	THOMAS RD & 32ND ST	90	0.54	0.66	0.48	0.58
20	Tempe	RURAL RD & BROADWAY RD	105	0.63	0.58	0.42	0.55
21	Phoenix	UNION HILLS DR & CAVE CREEK RD	67	0.40	0.73	0.35	0.55
22	Phoenix	UNION HILLS DR & 19TH AVE	77	0.46	0.64	0.44	0.55
23	Phoenix	INDIAN SCHOOL RD & 16TH ST	77	0.46	0.60	0.50	0.54
24	Phoenix	INDIAN SCHOOL RD & 67TH AVE	122	0.73	0.36	0.71	0.54
25	Phoenix	BASELINE RD & 48TH ST	71	0.43	0.66	0.40	0.54
26	Phoenix	BELL RD & 51ST AVE	73	0.44	0.68	0.33	0.53
27	Phoenix	GLENDALE AVE & 43RD AVE	77	0.46	0.62	0.43	0.53
28	Phoenix	INDIAN SCHOOL RD & 7TH ST	85	0.51	0.56	0.48	0.53
29	Phoenix	PEORIA AVE & I 017	91	0.55	0.56	0.44	0.53
30	Tempe	HARDY DR & BASELINE RD	61	0.37	0.60	0.47	0.51
31	Phoenix	NORTHERN AVE & 43RD AVE	59	0.36	0.65	0.38	0.51
32	Mesa	SOUTHERN AVE & DOBSON RD	129	0.78	0.31	0.60	0.50
33	Tempe	SOUTHERN AVE & RURAL RD	114	0.69	0.33	0.62	0.49
34	Mesa	MCDOWELL RD & S 2020	17	0.10	0.90	0.07	0.49
35	Avondale	VAN BUREN ST & DYSART RD	93	0.56	0.52	0.37	0.49
36	Tempe	UNIVERSITY DR & RURAL RD	147	0.89	0.18	0.70	0.49
37	Phoenix	THOMAS RD & 67TH AVE	119	0.72	0.30	0.60	0.48
38	Phoenix	BUCKEYE RD & 35TH AVE	59	0.36	0.63	0.30	0.48
39	Phoenix	BELL RD & 43RD AVE	53	0.32	0.65	0.29	0.48
40	Gilbert	VAL VISTA DR & ELLIOT RD	70	0.42	0.57	0.33	0.47
41	Tempe	BASELINE RD & I 0101	154	0.93	0.21	0.54	0.47
42	Phoenix	THOMAS RD & CENTRAL AVE	38	0.23	0.58	0.48	0.47
43	Chandler	RAY RD & MCCLINTOCK DR	73	0.44	0.56	0.30	0.47
44	Phoenix	INDIAN SCHOOL RD & 43RD AVE	71	0.43	0.55	0.33	0.47
45	Glendale	GLENDALE AVE & 67TH AVE	82	0.49	0.30	0.77	0.47
46	Phoenix	MCDOWELL RD & 32ND ST	92	0.55	0.33	0.63	0.46
47	Phoenix	MCDOWELL RD & 35TH AVE	63	0.38	0.55	0.37	0.46
48	Buckeye	YUMA RD & WATSON RD	56	0.34	0.58	0.34	0.46
49	Peoria	UNION HILLS DR & 83RD AVE	67	0.40	0.58	0.26	0.46
50	Pinal County	PEART RD & JIMMIE KERR BLVD	10	0.06	0.86	0.04	0.45
51	Mesa	DATE ST & 8TH ST	7	0.04	0.86	0.05	0.45
52	Phoenix	THOMAS RD & 59TH AVE	113	0.68	0.29	0.54	0.45

Top 100 High Crash Risk Intersections - 2011 through 2013

Rank	Agency	Location	Crashes	CF Score	CS Score	CT Score	Final Score
53	Phoenix	THOMAS RD & 36TH ST	61	0.37	0.57	0.30	0.45
54	Phoenix	MCDOWELL RD & 67TH AVE	109	0.66	0.27	0.59	0.45
55	Mesa	GUADALUPE RD & ALMA SCHOOL RD	60	0.36	0.57	0.29	0.45
56	Phoenix	GRAND AVE & 39TH AVE	6	0.04	0.85	0.04	0.45
57	Glendale	GLENDALE AVE & 75TH AVE	51	0.31	0.54	0.39	0.44
58	Phoenix	MCDOWELL RD & 40TH ST	59	0.36	0.54	0.34	0.44
59	Glendale	BELL RD & 59TH AVE	121	0.73	0.18	0.64	0.43
60	Tempe	SOUTHERN AVE & 48TH ST	50	0.30	0.60	0.23	0.43
61	Phoenix	VAN BUREN ST & 52ND ST	53	0.32	0.56	0.27	0.43
62	Phoenix	NORTHERN AVE & I 017	57	0.34	0.53	0.31	0.43
63	Scottsdale	SCOTTSDALE RD & DYNAMITE BLVD	43	0.26	0.61	0.23	0.43
64	Phoenix	MCDOWELL RD & 27TH AVE	54	0.33	0.57	0.24	0.42
65	Tempe	SOUTHERN AVE & HARDY DR	52	0.31	0.54	0.31	0.42
66	Phoenix	INDIAN SCHOOL RD & 75TH AVE	86	0.52	0.33	0.50	0.42
67	Tempe	MCCLINTOCK DR & BASELINE RD	61	0.37	0.51	0.30	0.42
68	Phoenix	HIGHLAND AVE & 16TH ST	46	0.28	0.54	0.30	0.42
69	Glendale	BELL RD & 67TH AVE	123	0.74	0.21	0.51	0.42
70	Glendale	BELL RD & 75TH AVE	73	0.44	0.52	0.19	0.42
71	Phoenix	INDIAN SCHOOL RD & 59TH AVE	111	0.67	0.23	0.53	0.42
72	Phoenix	HAPPY VALLEY RD & 67TH AVE	52	0.31	0.54	0.27	0.41
73	Phoenix	THUNDERBIRD RD & I 017	112	0.67	0.24	0.49	0.41
74	Phoenix	INDIAN SCHOOL RD & 44TH ST	52	0.31	0.52	0.28	0.41
75	Scottsdale	THOMAS RD & HAYDEN RD	104	0.63	0.31	0.40	0.41
76	Glendale	THUNDERBIRD RD & 59TH AVE	113	0.68	0.22	0.51	0.41
77	Mesa	SOUTHERN AVE & HIGLEY RD	61	0.37	0.49	0.29	0.41
78	Phoenix	NORTHERN AVE & CENTRAL AVE	48	0.29	0.54	0.26	0.41
79	Glendale	BETHANY HOME RD & 47TH AVE	40	0.24	0.55	0.28	0.40
80	Mesa	SOUTHERN AVE & POWER RD	57	0.34	0.52	0.24	0.40
81	Chandler	KYRENE RD & CHANDLER BLVD	94	0.57	0.26	0.51	0.40
82	Phoenix	THOMAS RD & 16TH ST	94	0.57	0.26	0.52	0.40
83	Phoenix	INDIAN SCHOOL RD & S 1010	48	0.29	0.53	0.25	0.40
84	Pinal County	OCOTILLO RD & GANTZEL RD	43	0.26	0.56	0.22	0.40
85	Phoenix	INDIAN SCHOOL RD & 32ND ST	51	0.31	0.49	0.31	0.40
86	Phoenix	CAMELBACK RD & 20TH ST	48	0.29	0.51	0.29	0.40
87	Phoenix	TATUM BLVD & BELL RD	51	0.31	0.49	0.29	0.40
88	Glendale	OLIVE AVE & 51ST AVE	123	0.74	0.18	0.48	0.39
89	Phoenix	DUNLAP AVE & 35TH AVE	103	0.62	0.23	0.49	0.39
90	Phoenix	GREENWAY RD & 32ND ST	85	0.51	0.25	0.56	0.39
91	Chandler	WARNER RD & MCQUEEN RD	48	0.29	0.53	0.22	0.39
92	Phoenix	CAMELBACK RD & 35TH AVE	103	0.62	0.20	0.55	0.39
93	Mesa	SOUTHERN AVE & COUNTRY CLUB DR	105	0.63	0.20	0.53	0.39
94	Phoenix	MCDOWELL RD & 51ST AVE	91	0.55	0.22	0.56	0.39
95	Gilbert	WARNER RD & LINDSAY RD	51	0.31	0.52	0.22	0.39
96	Phoenix	BROADWAY RD & 19TH AVE	37	0.22	0.54	0.26	0.39
97	Mesa	BROADWAY RD & ALMA SCHOOL RD	38	0.23	0.56	0.21	0.39
98	Phoenix	SHEA BLVD & 40TH ST	27	0.16	0.59	0.21	0.39
99	Phoenix	BETHANY HOME RD & 19TH AVE	71	0.43	0.26	0.59	0.39
100	Scottsdale	MCDOWELL RD & GRANITE REEF RD	27	0.16	0.54	0.29	0.38